

ALTERNATIVE TO PTO/SB/08A/B  
(Based on PTO 08-08 version)

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| Substitute for form 1449/PTO  |   | <b>Complete if Known</b> |                  |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |   | Application Number       | 10/537,804       |
|   |   | Filing Date              | June 7, 2005     |
|   |   | First Named Inventor     | Robert DWILINSKI |
|   |   | Art Unit                 | 1792             |
|   |   | Examiner Name            | F. C. Hiteshew   |
| Sheet   | 1 | of                       | 2                |
|   |   | Attorney Docket Number   | 204552035400     |

| U.S. PATENT DOCUMENTS |                       |   |                                |  |   |
|-----------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials*    | Cite No. <sup>1</sup> | Document Number<br>Number-Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
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|                       | 2.                    | 2006/0177362  | 08-10-2006                     | D'Evelyn et al.                                    |   |
|                       | 3.                    | 2006/0191472  | 08-31-2006                     | Dwilinski et al.                                   |   |
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|                       | 7.                    | 2008/0303032  | 12-11-2008                     | Dwilinski et al.                                   |   |
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| Examiner Initials*       | Cite No. | Foreign Patent Document<br>Country Code*Number*Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document     | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear         | † |
|                          | 9.       | JP-60-65798  | 04-15-1985                     | Toyoda Chuo Kenkyusho KK (Masafumi HASHIMOTO et al) | Translation of Abstract   |   |
|                          | 10.      | JP-2001-247399   | 09-11-2001                     | Furukawa Electric Co Ltd (Kiyoteru YOSHIDA)         | Translation of Abstract and corresponds to U.S. Pub No. 2001/0015437 listed above |   |

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|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

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| NON PATENT LITERATURE DOCUMENTS |                       |   |                |   |
|---------------------------------|-----------------------|---|----------------|---|
| Examiner Initials*              | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |   |
|                                 | 11.                   | European Office Action dated October 21, 2009, directed to related EP Application No. 02 762 734.8; 4 pages   |                |   |
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|                                 | 13.                   | CHEN et al., "Modeling of Ammonothermal Growth of Nitrides", <i>Journal of Crystal Growth</i> 258 (2003); pages 181-187.  |                |   |
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|   |   | Attorney Docket Number   | 204552035400     |
| Sheet   | 2 | of                       | 2                |

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| 15. | YOSHIKAWA et al., "Crystal Growth of GaN by Ammonothermal Method", <i>Journal of Crystal Growth</i> 260 (2004); pages 67-72.                               |  |
| 16. | HASHIMOTO et al., "Growth of Gallium Nitride via Fluid Transparent in Superficial Ammonia", <i>Journal of Crystal Growth</i> 257 (2005); pages: e525-e530. |  |
| 17. | RAGHOTHAMACHAR et al., "Characterization of Bulk Grown GaN and AlN Single Crystal Materials", <i>Journal of Crystal Growth</i> 287 (2006), pages 349-353.  |  |
| 18. | Dwiliński, R. et al., U.S. Office Action mailed December 4, 2009, directed to a related U.S. Patent Application No. 11/969,735; 14 pages                   |  |

|                    |                |                 |            |
|--------------------|----------------|-----------------|------------|
| Examiner Signature | /Matthew Song/ | Date Considered | 06/04/2010 |
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